



Recipes for Disaster

Blood

Amazing Ooze



Submitted By: Jill S. Detty Oswaks

Institution: The University of Tennessee Health Science

Preparation Instructions:

Cover a table with newspapers.

Put cornstarch in the large bowl, and add 1-2 drops of food coloring if using.

Add water slowly, mixing the cornstarch until all of the powder is wet. Keep adding water until this mixture looks like a liquid when you stir it slowly. The ooze is just right when it won't splash out of the bowl.

Tap lightly on the surface with your finger or spoon. If it is too wet add more cornstarch; too dry, add more water.

Try to pick up the resulting "liquid". It feels like a solid until you open your hand and then it will slip through your fingers.

Keep in an airtight container, and add a little water if it becomes too dry again.

Do not run mixture through any of the fluid systems of your manikin.

Qty	Ingredient
1 cup	Corn Starch
	1-2 drops of food coloring (optional)
1	Newspaper
1	Measuring cup
1	Large Bowl

Environmental Settings:

Blood

Submitted By: Joyce Crochet

Institution: McNeese State University

Qty	Ingredient
2 fl oz	Ivory dish washing liquid
	Red food coloring

Preparation Instructions:

Pour a couple of ounces of the ivory liquid out. Add food coloring and mix thoroughly. Apply to anything you want to look bloody. As it dries, it darkens just like blood.

Please do not use on hands or face for obvious reasons. Also, this stains permanently, so don't use on anything you don't want stained.

Allow to dry before placing any 'bloody' article on simulator.

Environmental Settings:

Blood Clots for TURP

Submitted By: Kathleen Gordon and Kathy Hendrickson

Institution: Aultman School of Nursing

Qty	Ingredient
1 cup	Water
1 tbsp	Minute tapioca
	Red food coloring

Preparation Instructions:

Soak 1 Tablespoon of tapioca in 1 cup of water that has been dyed with red food coloring over night.

Start with a small amount of coloring and the color can be adjusted for how dark you want the blood clots. Place in the Foley catheter drainage bag.

Environmental Settings:

Bloody Drainage for JP, Hemovac, or Clots on Dressings

Submitted By: Lynne Tier, Associate Professor of Nursing
Institution: Florida hospital College of Health Sciences

Preparation Instructions:

Don't use low calorie gelatin because you need the sugar for the consistency.

Mix to desired consistency and place in JP, Hemovac, or onto gauze dressing.

Qty	Ingredient
1	Red gelatin, NOT low calorie Water for desired consistency

Environmental Settings:

Body Fluids

Diaphoresis

Submitted By: Multiple Submissions
Institution:

Qty	Ingredient
	Spray Bottle with Water

Preparation Instructions:

Spray mannequin and clothing and/or bed sheets with water.

Water will dry up as scenario progresses so that patient will no longer be diaphoretic.

Environmental Settings:

Body Fluids

Urine with infection



Submitted By: Kim Martin, Associate Professor of
Institution: Daytona Beach Community College

Preparation Instructions:

Place 1-2 teaspoons of sugar free iced tea mix (soaking hot tea bags or using pre-mixed tea will work)

in a sealable cup (a specimen container works well). Add ammonia for odor.

Add water to desired darkness of color.

Add 3 to 4 pinches of talcum powder and seal cup.

Shake well.

Pour in bedpan or urinal.

NOTE: do not run this mixture through the urinary system of the mannequin.

Qty	Ingredient
	Instant sugar free iced tea mix
	1-2 tablespoons Ammonia
	Warm Water
	Talcum Powder

Environmental Settings:

Cardiovascular

Circumoral Cyanosis



Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

1. Dab finger in petrolatum jelly and place a thin layer on the lips of the mannequin--lips should not be shiny.
2. Dab finger in blue eye shadow or blue grease paint. Blend to desired effect.
3. Use Goo Gone or Goof Off or an alcohol swab to remove (removal and reset may be done quickly to show improvement in patient condition).

Qty	Ingredient
1	Petrolatum jelly
1	Blue eye shadow OR
1	Blue moulage grease paint

Environmental Settings:

Jugular Vein Distention

Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

Roll cotton batting into a 4-6mm diameter x 6-8cm length tube.

Place the tube under the neck skin in the desired location.

This may be removed to show improvement and replaced between groups.

Pen tops or other tubular objects or rolled gauze may be utilized as a substitute.

Qty	Ingredient
1	Roll of cotton batting OR
1	Straw OR pen top OR other tubular object

Environmental Settings:

Pitting Edema Method 1

Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

1. Wrap cotton batting around extremity to the depth of the desired edema.
2. Wrap self adhesive wrap around cotton batting (do not stretch too tight). When depressed, self adhesive wrap will remain depressed for a short period of time.

Qty	Ingredient
2	Rolls of cotton batting
2	Roll of self-adhesive wrap (coban, sports

Environmental Settings:

Pitting Edema Method 2

Submitted By: Kathleen Gordon

Institution: Aultman School of Nursing

Preparation Instructions:

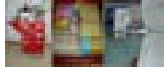
Place the hot/cold packs on the feet and wrap with kling gauze to hold in place. When the packs are felt an indent is left and the students can measure the depth of the pit.

Qty	Ingredient
4	Gel hot or cold packs
2	Gauze rolls, Kling

Environmental Settings:

Environment

ACLS and Drug Recognition for Realistic Code Blue



Submitted By: J. Ricondo, Jr, Military Clinical Educator

Institution: Medical Education Technologies, Inc.

Preparation Instructions:

Assemble crash cart according to facility specifications.

On empty plastic hub of ACLS drug, place the drug label.

Fill drug solution container with sterile water (assemble, expel any real drug, draw up sterile water, unscrew drug container, replace caps, replace into box).

Use drug recognition system using bar-code system (HPS). May use without bar code labels for use with ECS or iSTAN.

Qty	Ingredient
	Crash Cart and/or Rolling Tool Caddy
	Defibrillator
	Needless ACLS Medications in Their Original
	Other Crash Cart Supplies
	Label Machine
	Barcoded METI Drug Labels for ACLS Drugs

Environmental Settings:

Female Conversion



Submitted By: Kim Martin, Associate Professor of Nursing
Institution: Daytona Beach Community College

Preparation Instructions:

To convert mannequin to a female appearance, replace penis with vulva (see user's manual for this procedure).

Place bra on mannequin (not necessary to fasten in back, can tuck under mannequin).

Place breast forms in bra (if using self breast exam molds, try to place nipple over mannequin nipple).

Place self adhesive eyelashes on lower portion of upper eye lids (may cut them to size).

Place wig on head (may need to snip elastic in back for appropriate fit depending on mannequin head size).

Press self adhesive earrings onto ear lobes (found in children's jewelry section).

Press self adhesive fingernails onto mannequin finger nails.

Qty	Ingredient
	Mannequin Vulva
	44 B or C Bra
	Breast Forms (may use memory foam,
	Self Adhesive Eye Lashes
	Self Adhesive Earrings
	Self Adhesive Artificial Nails
	Female Wig
	2XL Night Gown or Shirt and 20W Pants if

Environmental Settings:

Home or Hospital Environment



Submitted By: Monica Holland, HPS Assistant and
Institution: Oklahoma City Community College

Preparation Instructions:

Paint front and back of door to match room paint.

Attach C-clamps to sides of door and head of bed.

Attach picture mounts and picture(s) to one side of the door to create a home-like feeling.

On opposite side of the door attach wood with mounted medical equipment.

To change environments turn the door to reveal desired side and re-attach c-clamps.

Qty	Ingredient
	Hollow Interior Door With No Hardware
2	C-Clamps Painted to Match Head of Bed
	Wood Cut to Length
	Suction Head Mount
	Oxygen Mount
	Suction Canister Mount (May Add Air Mount)
	Paint
	Screws

Environmental Settings:

Male Clothing

Submitted By: Multiple Submissions

Institution:

Preparation Instructions:

For all clothing, use scissors to cut down the back (leave buttoned shirts buttoned).

Use self adhesive Velcro on cut halves to hold together in back.

For trousers or jeans and underwear, cut center back to crotch. Place clothing as desired

Qty	Ingredient
	2 XL Shirt
	Velcro (self adhesive)
	40W 30L Trousers/Jean
	Size 11 or 12 Shoes
	40W Underpants

Environmental Settings:

Pregnancy

Submitted By: Multiple Submissions

Institution:

Preparation Instructions:

Convert to female.

Unzip chest skin and remove abdominal form.

Place fetus doll in desired position in abdominal cavity.

Surround with cotton batting or memory foam cut to size.

Place liquid gel packs over foam.

Cover with chest skin and re-zip.

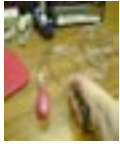
NOTE: chest skin will only stretch to 5-6 month pregnant abdomen. For later stages, leave chest skin unzipped and place 2 XL pregnancy clothing over area--may use nude color material if "skin" appearance desired.

Qty	Ingredient
	Fetus Doll Desired Size
	Female Conversion (see in environment)
	Liquid Hot-Cold Gel Packs
	Cotton Batting or Memory Foam Cut to Size

Environmental Settings:

Gastrointestinal

Abdominal Aortic Aneurysm



Submitted By: Monica Holland, Skills Laboratory

Institution: Oklahoma City Community College

Preparation Instructions:

Attach the balloon to the suction tubing by placing the opening of the balloon to the wide end of an ET tube adapter--wrap this connection with the rubber band.

Insert the blood pressure bulb into the other end of the suction tubing.

Place the balloon under the abdominal skin and use the bulb to pulse it gently.

Download a bruit from the web and play this in a continuous cycle on a cd player.

Place the speakers (headphone buds) under the skin near the balloon to create the bruit.

It works pretty fantastically!

Qty	Ingredient
1	Balloon
	Suction Tubing
1	Rubber band
1	Bulb from BP Cuff
1	ET tube connector (comes with a bag valve
	End of a suction catheter (with the thumb

Environmental Settings:

Ascites

Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Qty	Ingredient
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	Flexible cold packs, room temperature or
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Preparation Instructions:

Place the desired number of cold packs under the abdominal skin. Creates a rounded shape to the abdomen and feels like peritoneal fluid.

Environmental Settings:

Black Tarry and Bloody Stool



Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Qty	Ingredient
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0.5	Packet of chocolate pudding mix, sugar
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1 cc	Each of green, blue, and red food coloring
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1 cc	Red food coloring
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	Strawberry preserves, desired amount
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	Artificial blood as needed
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Preparation Instructions:

Mix half a packet of the pudding mix with 1cc of green, blue and red food color.

Add an additional 1cc of red food color and mix in water to desired consistency. This should produce black tarry stool; you may need to add additional food coloring.

Add desired amount of strawberry preserves with seeds to the bedpan, chux or diaper. Use more preserves and less stool if bloody stool is desired. Artificial blood or red food coloring may be added as needed.

Be sure to clean area to avoid ants.

NOTE: Avoid getting mixture on umbilical hoses. Mixture may be removed with mild soap and water

Environmental Settings:

Bowel Evisceration

Submitted By: John Larch

Institution: Children's Medical Center

Preparation Instructions:

Cut needed length of tube gauze for the length of evisceration needed. Tie one end of tube tightly with string or sew closed.

Mix plant gel according to package. Use 2-3 cups per foot of bowel. Add food coloring to create desired color of bowel. Color will absorb into the tube gauze.

Use a small paper cup, cutting out bottom to use as a funnel. Spoon in gel. Use a large dowel to push long length of gel into the gauze.

Tie off end and place on abdomen. Additional coloring can be used to highlight bleeding, etc."

Qty	Ingredient
	Tube gauze, desired length
3 cup	Plant gel
	Red and blue food coloring
	String

Environmental Settings:

Emesis

Submitted By: Lynne Tier, Associate Professor of
Institution: Florida Hospital College of Health

Preparation Instructions:

Combine dry ingredients first.

Add water slowly and wait for oatmeal to become mushy.

Make desired consistency and color depending upon scenario.

Place in emesis basin or specified container.

Qty	Ingredient
	Several tablespoons of oatmeal
	Water for desired consistency
	Betadine or food coloring
	Frozen corn kernels cut up into 2-3 pieces
	Raisins cut up into 3-4 pieces each (amount

Environmental Settings:

Infant stool

Submitted By: Kim Martin, Associate Professor of
Institution: Daytona Beach Community College

Preparation Instructions:

In a small bowl, mix pudding with vinegar, add water in small amounts until desired consistency is reached.

Place in Diaper.

NOTE: Protect BabySIM umbilical with plastic wrap or allow mixture to dry in diaper before use)

Qty	Ingredient
	2-3 Tbsp Butterscotch Pudding
	Water
1 tbsp	Vinegar
Environmental Settings:	

Nasogastric Drainage

Submitted By: Lynne Tier, Associate Professor of Nursing

Institution: Florida Hospital College of Health Science

Preparation Instructions:

Determine what kind of nasogastric drainage is to be made. This will determine the coloring used.

Put the salsa into the blender and blend until there are no observable pieces.

Add water to desired consistency and coffee grounds.

Place in suction canister.

Qty	Ingredient
1 tsp	Coffee grounds, used or new
1 cup	Chunky salsa, any brand
	Betadine or food coloring

Environmental Settings:

Nasogastric Drainage or Coffee Ground Emesis



Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

In a small bowl, mix the desired amount of dark kayro syrup.

Add green, red, and/or blue food coloring to desired color.

Add dry coffee grounds if 'coffee ground' emesis is desired.

Mix well. Place mixture in emesis basin, suction through suction tubing into a suction container, or place on chest or pillow as required by the simulation.

Caution: Do not allow mixture to enter the mouth, nose or airways.

Remove with soap and water.

Qty	Ingredient
1 cup	Dark Karo syrup
	Coffee grounds, if desired
	Food coloring

Environmental Settings:

Obesity



Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

Place cotton batting or soft towels or folded sheet under the abdominal skin to desired roundness.

Manipulate as needed to remove lumps before lowering abdominal skin

Qty	Ingredient
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	Cotton batting OR
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	Soft towels OR
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	Folded sheets
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Environmental Settings:

Odors with Link



Submitted By: Susan Wahl

Institution: Alvernia College, Reading, Pennsylvania

Preparation Instructions:

Can of crap: It looks (and smells) real, but has the consistency of hair mousse. I find it works best for me if I smear it onto bed pads or linens rather than try to have something that looks like a formed BM.

Morning Breeze: One or 2 drop on a ball of cotton and you've got a realistic bad odor that is indescribable, but I've used it in wounds, I've used it to cue students that a patient is incontinent, I've put a few drops in my foley bags with cloudy urine to help cue them to look for infection.

Where to obtain these items: www.soimmature.com

Qty	Ingredient
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1	Can of crap
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1	Morning Breeze
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Environmental Settings:

Stool

Submitted By: Lynne Tier, Associate Professor of Nursing

Institution: Florida Hospital College of Health Science

Preparation Instructions:

Combine the frosting (at room temperature) and thickening ingredient until desired consistency is achieved. It will be harder after the mixture is refrigerated. Make this the night before use so it is easier to handle.

Put on gloves and roll into desired shapes.

Imbed several kernels of corn so they can be seen.

If you want this recipe for an ostomy display, make several very small balls of the mixture and place them in the ostomy bag. Add watered down stool mixture to make a very realistic presentation.

If you want this for a bedpan display, add it to a small amount of the simulated urine.

Qty	Ingredient
1 cup	Dark chocolate frosting, ready to use
	Cornstarch, cracker meal or oatmeal to
	Frozen corn kernels (holds up better than

Environmental Settings:

Vomit Method 1

Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

In a small bowl, combine water, dry oatmeal, one drop of green food color to desired consistency and color.

Add frozen corn, raisins, or other solid matter if desired.

Spoon desired amounts beside the simulator's mouth and dab traces on the side of the face.

Caution: Do not allow mixture to enter the mouth, nose or airways.

Qty	Ingredient
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	Water to desired consistency
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	Dry oatmeal
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1	Green food coloring
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	Frozen corn, raisins, other solid matter if
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	Karo syrup to desired consistency
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Environmental Settings:

Vomit Method 2

Submitted By: Lynne Tier, Associate Professor of Nursing

Institution: Florida Hospital College of Health Sciences

Preparation Instructions:

Combine dry ingredients first.

Add water slowly and wait for oatmeal to become mushy.

Make desired consistency and color depending upon scenario.

Place in emesis basin or specified container.

Qty	Ingredient
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5 tbsp	Oatmeal
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	Water to desired consistency
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	Betadine or food coloring
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	Frozen corn kernels cut up into 2-3 pieces
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	Raisins cut up into 3-4 pieces each
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Environmental Settings:

Vomit with Odor

Submitted By: Monica Holland, Skills Lab Coordinator

Institution: Oklahoma City Community College

Preparation Instructions:

Mix ingredients with food coloring if desired.

Gives the appearance and odor of vomitus.

Qty	Ingredient
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	Oatmeal
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	Water
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	Grated Parmesan Cheese
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Environmental Settings:

Respiratory

Subcutaneous Emphysema

Submitted By: Gordy Kokx

Institution: College of Southern Idaho Paramedic

Preparation Instructions:

1. Cut packaging bubblewrap to desired size to match simulator.
2. Tape section to simulator's chest on desired side(s).
3. Conceal wrap with standard clothing.
4. When students palpate the area they will feel the life-like sensation of subcutaneous emphysema

Qty	Ingredient
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- | | |
|---|---|
| 1 | Roll packaging bubblewrap (12x36 cut to |
| 1 | Roll IV tape, 1-2 inches |

Environmental Settings:

Respiratory Body Fluids

Sputum (all types)

Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

In a small bowl mix banana pudding mix and water for yellowish sputum.

Place in tissue and ball up tissue.

Place kayro syrup in tissues and ball up the tissue for brownish sputum.

In a small bowl mix un-flavored gelatin mix with water to desired consistency for clear sputum.

Place in tissue and ball up tissue.

For infection control effect, liberally coat the exterior of the tissues with petrolatum jelly so that learners get this on their hands when they pick them up without gloves. It gets the point across.

NOTE: do not place in mannequin airways.

Qty	Ingredient
	Banana Pudding Mix
	Dark Karo Syrup
	Water
	Plain Gelatin Mix
	Facial Tissues
	Emesis Basin
	Petrolatum Jelly

Environmental Settings:

Skin Wound

Dry Lips/ Scaly Skin or Lips



Submitted By: Kim Martin, Associate Professor of

Institution: Daytona Beach Community College

Qty	Ingredient
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	Modeling Wax or Chapstick
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Preparation Instructions:

Use thumb nail to 'chip out' small flakes of wax or Chapstick.

Swipe thumb nail on area desired for flaking or dry skin such as lips.

Environmental Settings:

Sputum

Sputum

Submitted By: Lynne Tier, Associate Professor of Nursing

Institution: Florida Hospital College of Health Sciences

Preparation Instructions:

Mix amounts until desired effect is achieved.

NOTE: Do not place substance in mannequin airways

Qty	Ingredient
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	Lubricant, water soluble
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	Food coloring, yellow, green
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1 cc	Corn starch, (pinch)
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Environmental Settings:

Trauma/Disaster

Trauma Moulage



Submitted By: Mike Fisher

Institution: Greenville Technical Institute

Qty	Ingredient
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www.moulage.net

Preparation Instructions:

Image Perspectives is a company that specializes in trauma and disaster responsiveness moulage.

Products and courses are available at www.moulage.net.

Environmental Settings:

Urine

Dynamic Urine



Submitted By: Richard Kyle

Institution: Uniformed Services University of Health

Preparation Instructions:

Preparation Instructions:

Purpose is to create a system which delivers all appearance types and flow rates of urine required:

- reservoir and select/on/off controls in the control room,
- conveyance from control room to clinical room,
- presentation in urine collection container in clinical room.

Hang IV bags full of water, each colored with common dyes to appear with the desired hue and saturation

Pale Yellow: a little yellow food coloring

Dark Yellow: more yellow food coloring, a dash of Betadine

Very Dark: Betadine, dash of red and blue food coloring

Red/Bloody: red food coloring and dash of peptobismal (for opacity)

Each IV bag gets a stopcock inline.

Each color gets its own tubing run: from stopcock in control room to the underside of mannequin table in the clinical room. Gravity moves the fluids.

All tubes end together into a funnel connected to the single tube that is attached to the urine collection container.

After construction but before *first* use, open the stopcocks and fill each

Qty	Ingredient
	IV Bags with sterile or distilled water
	IV Tubing 1/8" to 3/16" bore
	Stopcocks
	Small funnel
	Plastic, silicone or latex tube (size to fit
	Urine collection container of any type

Environmental Settings:

Urine

Submitted By: Lynne Tier, Associate Professor of Nursing

Institution: Florida Hospital College of Health Sciences

Preparation Instructions:

Mix for desired color: straw, amber, concentrated, etc.

You can also use household ammonia for odor.

NOTE: do not run ammonia solution through the mannequin.

Qty	Ingredient
	Water, desired amount
	Yellow food coloring
	Ammonia for odor

Environmental Settings:

Urine with Infection

Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

Use warm water and desired yellow and red food coloring to obtain color.

Add chalk dust and a few drops of ammonia for sediment and odor.

NOTE: This solution should not be run through the urinary system.

Qty	Ingredient
	Water, in desired amount
	Yellow and red food coloring
	Chalk dust
	Ammonia

Environmental Settings:

Wound

Decubitus Ulcers



Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

Using the moulage gun shot wound, use adhesive to place on the hip or desired area of skin. This makes a fairly realistic stage II to III wound.

For stage I to II wound, place a very light (almost dry) film of petrolatum jelly on the skin to protect then blend pink blush or red moulage grease-paint to the desired redness.

Qty	Ingredient
1	moulage 'gun shot' wound
1	Red grease paint OR
1	Red-pink blush make-up
1	adhesive or tape

Environmental Settings:

Flushed Skin



Submitted By: Kim Martin

Institution: Daytona Beach Community College

Preparation Instructions:

Place a thin, almost dry layer of petrolatum jelly on the area desired for flushing coloration (should be almost dry and not shiny).

Using a large blush brush or cotton balls, swipe over pink blush then blend onto skin area to desired level of redness.

Qty	Ingredient
	Petrolatum Jelly
	Dark Pink (non-sparkly) Blusher
	Blush Brush or Cotton Balls

Environmental Settings:

Kaposi Sarcoma OR Skin Carcinoma

Submitted By: Kim Martin, Associate Professor of Nursing

Institution: Daytona Beach Community College

Preparation Instructions:

Place a thin, almost dry layer of petrolatum jelly in a circular pattern in the area desired to have the lesion.

On a small plate, mix 1-2 teaspoons of the gelatin mix (choose desired color) with brown grease paint (only a 1mm ball of grease paint-add more if needed).

Allow gelatin mix to clump for a mole-like appearance.

Dab onto area prepared with petrolatum jelly to desired size and effect. Allow to dry before covering.

Qty	Ingredient
2 tsp	Gelatin Mix in Lime or Grape
	Blue and Brown Grease Paint
	Petrolatum Jelly

Environmental Settings:

Malignant Melanoma



Submitted By: Debra A. Middleton, Jeanette Fawver, Lori Bazur-Persing

Institution: University of Saint Francis, Fort Wayne,

Preparation Instructions:

Pull off a piece of the silicone plug according to the size melanoma desired.

Color the silicone with the brown marker then knead the color through. Repeat this process until the desired color is reached then add a small amount of the coffee grounds for texture kneading those through thoroughly.

Shape as desired making sure edges are irregular. Tap coffee grounds into top of the melanoma for a flakey appearance.

Color the edges with red marker for the desired edge effect.

Back the melanoma with double sided tape and attach gently to mannequin.

Melanoma can be kept in a small plastic bag between uses; may need to put new backing on it.

Qty	Ingredient
1	Silicone ear plug
2 tsp	Coffee Grounds
1	Brown marker and/or red marker
	1 roll double sided tape (as a carpet tape)
	1 pair exam gloves (to protect hands when

Environmental Settings:

Pallor



Submitted By: Kim Martin

Institution: Daytona Beach Community College

Preparation Instructions:

Place a thin, almost dry layer of petrolatum jelly on the area desired for pale coloration (should be almost dry and not shiny).

Using a powder puff, dab in the talcum powder and then shake to remove clumps of powder.

Tap onto areas to desired level of pallor and blend with puff.

Qty	Ingredient
	Petrolatum Jelly
	Talcum Powder
	Powder Puff

Environmental Settings:

Purulent Wound Drainage

Submitted By: Kim Martin, Associate Professor of

Institution: Daytona Beach Community College

Preparation Instructions:

In a small bowl, place pistachio pudding mix and mix with water to pudding or honey consistency.

Add small amounts of butterscotch pudding mix until desired color is reached.

Add vinegar and milk for desired odor. Place on dressing.

Qty	Ingredient
1 tsp	pistachio pudding mix and /or butterscotch
	A few drops of each: water, milk and

Environmental Settings:

Pus

Submitted By: Jeff Fritz

Institution: Temple College

Preparation Instructions:

Mix white liquid soap and red food coloring together to make slurry.

Slurry should appear to be blood tinged.

Place Alka-Seltzer into drain and then add liquid.

Mixture will begin to bubble and will drain out of tubing.

Qty	Ingredient
1	Alka-Seltzer tablet
1	Drop of red food coloring
10 ml	White liquid soap

Environmental Settings:

Wound Drainage

Submitted By: Lynne Tier, Associate Professor of Nursing

Institution: Florida Hospital College of Health Sciences

Preparation Instructions:

Mix up several tablespoons of undiluted cream of mushroom soup (the small bits of mushroom look like small bits of debrided tissue when on the gauze) and add food coloring to desired color.

Lay open on paper towels until dry (1-2 days).

These can be stored in a plastic zippered bag for years and do not mold. (Scary to think, they don't mold-imagine the amount of preservatives in them!)

These ingredients make great purulent drainage.

Qty	Ingredient
1 cup	Cream of mushroom soup OR
1 cup	Split pea soup
	Food coloring
	Gauze pads or other dressing materials
1	Tape

Environmental Settings:

Bladder Scanner

Submitted By: Nate Brent, Nursing Education Simulation Specialist

Institution: Saint Joseph Hospital and Medical Center

Preparation Instructions:

Use a 250cc-500cc bag of saline and place it just under the skin in the abdomen on the mannequin.

You can also utilize a ziplock bag filled with water or simulated urine.

Then you can scan the surface of the mannequins abdomen and it should pick up the fluid.

Simple Frostbite

Submitted By: Jim Rowland, NREMT-P,
Coordinator of Medical Education Programs

Institution: University of Illinois College of Medicine at Peoria

Qty	Ingredient
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1	Ben Nye White Crème Make-up
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1	Black Eye Shadow
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Description: This moulage would be helpful as a secondary survey finding in a hypothermia case. It could be used pre-hospital or in the ER.

Preparation Instructions:

Apply a base of Ben Nye white crème make-up. Blend the edges well.

With a fine brush, apply the black eye shadow around the fingernails to hide the imperfections around the nail edges and to simulate dirty fingers.

Use the same technique on the tip of the nose, the ears, cheekbones and toes.



Frostbite with Necrosis

Submitted By: Jim Rowland, NREMT-P,
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Qty	Ingredient
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1	Ben Nye White Crème Make-up
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1	Black Eye Shadow
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Description: This moulage is for a more advanced cold injury. This level of tissue destruction would require time to develop. It would be effective in a post-ER setting or in the case of someone who had been exposed to long-term cold temperatures and possibly freezing and thawing.

Preparation Instructions:

Step 1: Apply a base of black eye shadow. Blend the edges well.



Step 3: You may need to touch up with more black eye shadow on the white/black border. This moulage was done using the white eye shadow instead of the crème make-up.



Step 2: Apply a thin coat of the Ben Nye white crème make-up or white eye shadow above the black eye shadow, blending both edges to simulate a progressive injury.

